



# NWRWTP

North Wales Residual Waste Treatment Project

## AGENDA ITEM NO: 5

**REPORT TO:** NWRWTP JOINT COMMITTEE

**DATE:** 26<sup>th</sup> MARCH 2019

**REPORT BY:** CONTRACT MANAGER

**SUBJECT:** CONSTRUCTION PROGRESS REPORT

### **1. PURPOSE OF REPORT**

- 1.1. To update the Joint Committee on progress on the construction of the Parc Adfer facility.

### **2. BACKGROUND**

- 2.1. Financial Close on the NWRWTP procurement was reached in mid-December 2016 and the contract formally awarded to Wheelabrator Technologies Inc (WTI).
- 2.2. WTI's Engineering Procurement and Construction (EPC) contractor is CNIM, whose Civil Engineering sub-contractor is Clugston. Both CNIM and Clugston are highly experienced contractors in the Energy from Waste (EfW) market. Furthermore, they have a well-established relationship, with Parc Adfer being their 10<sup>th</sup> EfW construction project together.
- 2.3. A Liaison Procedure for reporting progress of the construction against the timetable is set out in the Project Agreement (PA). To comply with the with PA's requirements a formal Monthly Construction Progress Report is submitted to the authority by WTI. Monthly meetings (Contract Management Board) are being held with WTI and their contractors to formally report on progress, issues on site and any potential known risks to the programme.
- 2.4. The NWRWTP are represented on the Contract Management Board (CMB) and all output and discussions of the CMB is reported to the Technical Officers Group and the Project Board.
- 2.5. As well as the above, the authority's Contract Manager visits the site weekly, although complete flexibility remains to visit the site at other times should the need arise.

### **3. CONSIDERATIONS**

Overall progress



# NWRWTP

North Wales Residual Waste Treatment Project

- 3.1. Progress on site has remained positive. The civil work programme is currently focusing on the following areas; electrical rooms (M&E)/administration building (room construction and M&E), external drains and site works (kerbing and highways, turning area)
- 3.2. The process focus during the Reporting Period has been on water and steam pipework installation, waste crane completion and testing, insulation and cladding of the boiler and Flue Gas Treatment, erection of the Air Cooled Condensers, completion of the bottom ash conveyors and general electrical installation and termination.
- 3.3. The Incinerator Bottom Ash and Air Pollution Control Residues contracts have now been completed and signed and are in place, with one amendment from the Authority being made. This is in relation to the availability of information to the Authority in the event that the contract with WTI is terminated and the Authority need to step in.
- 3.4. The entrance to the site, the road network on site and the turning area for waste deliveries are currently in process.
- 3.5. One issue that has arisen is in relation to parking. The site is now at “peak” in terms of staff on site, with close to 500 people working on site. This has meant that there have been some issues with parking, both in terms of a shortage of space at times, and also ground conditions that are not always ideal. As groundworks have begun in relation to attenuation pond to the north of the site, this means that plant and machinery are also operating around the parking area, which has required careful management.
- 3.6. Health and Safety

The health and safety standards have been maintained for this Reporting Period.. The British Safety Council has inspected the site and awarded the project a 5 star rating.

### Planning and Permit

- 3.7. The planning authority visited Parc Adfer on the 30th January 2019 to view proposed revisions to the Site fence line. There were no issues raised on the fencing however the following observations were made:
  - Concern over the exposed air handling units on the roof of the west façade (atop the admin building) – Parc Adfer has asked Civil Works Sub-Contractor to remedy; and
  - Potential problems with the drainage from site arising from poor maintenance on surrounding land – Parc Adfer Ltd has subsequently raised the concern with the adjacent landowners (Flintshire County Council and UPM).

A site decommissioning and restoration plan is due to be submitted to the planning authority in February 2019. Parc Adfer Ltd has requested an



# NWRWTP

North Wales Residual Waste Treatment Project

extension to the deadline to allow time for discussions with the Authority (as client) on the best approach, considering that it might be desirable for a certain level of amenity to remain for future industrial users.

### Risk to programme

3.8. WTI's assessment of the overall risk to the timetable remains low.

### Reported key dates

3.9. The date of 1<sup>st</sup> waste delivery by the Partnership to Parc Adfer is expected to be early May. Preparations for this are discussed further in the agenda.

## **4. RECOMMENDATIONS**

The Joint Committee is asked to:-

4.1. Note the content of this report.

## **5. FINANCIAL IMPLICATIONS**

5.1. The financial implications of the contract have previously been through an approvals process within all partner authorities, and the implications of the revised offer have been discussed by the Project Board and Joint Committee.

## **6. ANTI-POVERTY IMPACT**

6.1. Not applicable.

## **7. ENVIRONMENTAL IMPACT**

7.1. The environmental implications of the contract have previously been through an approvals process within all partner authorities.

## **8. EQUALITIES IMPACT**

8.1. Not applicable.

## **9. PERSONNEL IMPLICATIONS**

9.1. Not applicable.

## **10. CONSULTATION REQUIRED**

10.1. As set out within the report.

## **11. CONSULTATION UNDERTAKEN**



# NWRWTP

North Wales Residual Waste Treatment Project

11.1. Not applicable.

## LOCAL GOVERNMENT ACCESS TO INFORMATION ACT 1985

### Background Documents:

None

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